

JUNE 1987

THE ROCKFINDER



ED MILLER, EDITOR
MICHIANA GEM & MINERAL SOCIETY
114 E. LOGAN STREET
ARGOS, INDIANA 46501

FIRST CLASS MAIL

1986 1st PLACE
AFMS ALL AMERICAN
AWARD
1986 MWF 1ST PLACE
SMALL BULLETIN

MICHIANA GEM AND MINERAL SOCIETY

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	Mary Miller
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THE MICHIANA GEM AND MINERAL SOCIETY, a non-profit organization, is affiliated with the MIDWEST FEDERATION OF MINERALOGICAL & GEOLOGICAL SOCIETIES and with the AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES.

REGULAR MEETINGS

Time: 2:00 PM EST	Place: Our Redeemer Lutheran Ch.
Fourth Sunday of Each Month	805 South 29th St.
June-Field trip meeting	South Bend, In.
July-No meeting	
August-Annual picnic	

DUES

Individual	\$4.00 per year
Family	7.50 per year
Junior	1.00 per year

ROCKFINDER STAFF

Editor.....Ed Miller	114 E. Logan St., Argos, In. 46501
Staff.....Club Members	

All contributions for publication should be in the hands of the editor by the 10th of each month for publication.

Permission is hereby granted to reprint, at any time, items published in the ROCKFINDER, provided due recognition is given.

THE ROCKFINDER

VOLUME 27

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JUNE 1987

PUBLISHED BY: MICHIANA GEM AND MINERAL SOCIETY INC.

SOUTH BEND, INDIANA

REGULAR MEETING:

No regularly scheduled meeting in June.

At this time there is no club field trip planned.

COMING EVENTS:

Look for these very interesting programs at upcoming monthly meetings/

AUGUST...Sunday the 9th is the club picnic at Lakeville.

SEPTEMBER...Bill French will be in charge of a slide show

OCTOBER...Russ Kemp will present a program on the Castle of Gold and the Lazaddro Museum plus Doris Kemp will speak on Gwen Swanson's award winning jewelry.

NOVEMBER...Your ROCKFINDER Editor will be presenting a program on the Midnight Sun Rockhound Follies in Whitehorse, Yukon Territory and the post-show rockhounding trip.

DECEMBER...On the 6th we will hold our annual Christmas Party at Our Redeemer Lutheran Church. Doors will open at 1:30 with the meal at 2:00.

If you would like to attend these meetings but have no transportation or you don't drive; let me know and I will see about finding you a ride.



Don't forget the SPECIAL OLYMPICS in August. There is still a need for helpers and polished stones for the club table.

COMING EVENTS CONT:

JUNE 20-21

Medina County Gem & Mineral Show

Chippewa Gem & Mineral Society

Medina County VO-ED School
Medina, Ohio

JUNE 25-28

Midwest Federation Mineralogical & Geological Societies Show & Convention
Dearborn Civic Center
Michigan Ave. & Greenfield
Dearborn, Michigan

JUNE 26-28

The Gem Fair
3rd Annual Gem, Jewelry, and Mineral Show
Education Building
Minnesota State Fairgrounds
Snelling Ave. & Como
St. Paul, Minnesota

SEPTEMBER 4-6

Michiana Gem & Mineral Society Show
Century Center
South Bend, Indiana

MARGARET'S COLUMN

A busy summer is ahead for us what with the National Show in Okla. and the Midwest Federation Show and Convention in Dearborn, Mi. in June, the Special Olympics at Notre Dame in August and our club show in early September.

Several changes in the competitive rules will be discussed in the Uniform Rules meeting in Oklahoma City, so I will attend the meetings as a representative for the Midwest Federation. We will also have display in competition.

In Dearborn the delegates will vote for new officers of the Midwest Fed. as well as a dues increase to hopefully, wipe out the deficit of running the Federation. The clubs now pay 50¢ per member, so this proposal increases the amount to \$1.00. Since the American Fed. will get 25¢ per member, this gives the Federation 75¢ which will stay in our own Fed. This meeting should be interesting...

The Special Olympics in August will be a big event for the South Bend area. The athletes coming from all over the world, will swell the population quite a bit. Our table will be in the arts and crafts tent on the large field south-east of the ACC. If it rains, they will move into the building. Some of the arts and crafts activities will be face painting, paper folding, making folders for the athletes ribbons and other items collected, using yarn to make things, stencils, and our table with the rocks. So many activities are planned I can't remember them all. Items still needed by the committee are: buttons, small shells, pinecones, wood chips, soup cans (clean without labels) colored comics and help. I must turn in names of our workers, so we will be able to get our badges to get on the field. Can't get in unless we have them. I also need polished stones, unpolished stones and small fossils. There will be something like 4500 attending so we need loads of items.

Get those tumblers working for this event and also for our show in September.

Speaking of our show, plans are coming along, but we need to know who will help on committees, chair booths; so please let us know SOON. Bob Miller is getting some out of town displays, one so far from Fla. and one from Ohio. We are having some really good and interesting dealers again, so let's put on a good show in our new location. The fliers have been given out in Mich., Illinois and will go to the MWF show in Dearborn. If the fliers are returned to the show, there will be a discount on admittance. This should give us an idea of how effective the fliers are.

Our club picnic will be August 9th at the Conservation Club in Lakeville, so mark your calendar now but you will be contacted closer to the date in order to get a count of how many will attend.

Have a good summer, stay well and be careful.



See you in SEPTEMBER !

MINUTES OF THE MAY MEETING

The meeting was called to order May 17, 1987 by President Margaret Heinek.

A motion was made by Mary Miller to accept the minutes as printed in The Rockfinder, seconded by Rev. Lawrence Calhoun, motion carried. The Treasurer's report and 1987 Show report were read by James Daly and approved for audit.

President Heinek asked if someone would prepare a motion to pay the Society's membership bill for 1987 to the Chamber of Commerce. Catherine McHugh made the motion, seconded by Kathleen Miller. The motion was carried by voice vote. A second motion was made by Mary Miller, seconded by Irene Ungrait to pay bills submitted by Hostess Chairwomen Patt McLaughlin and Editor Ed Miller. The motion carried.

COMMITTEE REPORTS:

Sunshine - Sherry Russell's father, Richard Lung, just had major surgery. Concern, thoughts and prayers may be extended to Sherry's parents and her family by cards to let them know we are thinking of them.
Program - Bill French has submitted a list of programs for this fall to Editor Ed, to be published in the next Rockfinder.

Editor - Ed would like to see more articles contributed by members. All members should encourage the juniors to write articles. With the help and cooperation of members, Ed is going to form a slide program on Indiana material. He feels we need an updated program that could be a club project, to be used for our educational talks to the schools or loaned to other area club/societys.

Displays - Paul Godollei, Edribasteroids as a follow-up on his most recent article in The Rockfinder - Bob and Margaret Heinek, various types of petrified wood - Rev. Larry Calhoun, charolite from Russia and Swiss jasper from Madagascar.

Correspondence - Flyers from area shows and the MWF show were available. Also available are raffle tickets with numbers to be drawn at the MWF show/convention.

1987 SHOW REPORT:

A discussion was raised about the Kid's Korner. The Sandpanning will

have to be eliminated this year because of regulations of the Century Center. The Wheel will still be used. Other ideas were mentioned, if anyone has suggestions bring them to the August picnic where they will be firmed up. Work sheets are now available for the show. Everyone will be asked to help. Sign up between now and/or at the August picnic. Everyone will be reached.

OLD BUSINESS:

Special Olympic work sheets were available. President Heinek has to attend a meeting May 18th concerning all sub-committees for arts/crafts at the Special Olympics. There, she will submit all the names and addresses of our members who are helping. Contributions of material as handouts to the children will be needed. If you can donate material, contact Bob and Margaret Heinek. A June field trip can be possible if someone from the Society will volunteer to lead it. As circumstances are - all the Board members will be out of town the month of June, either on vacation or attending shows/conventions. If anyone is interested in leading a caravan to Pleasant Ridge Quarry in Rensselaer, call Margaret Heinek.

NEW BUSINESS:

The Christmas Pot-luck party will be held on Sunday, December 6, 1987 at 1:30 PM. Our Redeemer fellowship hall will be the place. If anyone is interested in purchasing Rocks and Minerals 60 Year Index, please contact Jim Daly, Treasurer. We have been informed of the relocating of Rev. Larry Calhoun. Larry will be moving to Rev. Lawrence Calhoun C.S.C.

Chaminade College Prep
19800 Devonshire Street
Chatsworth, CA 91311

We are sorry to see such a good friend and member move, but wish him all the best and hope he will keep in touch with us.

DOOR PRIZES:

Stan Jacobs, fossil - Irene Ungrait, turritilla agate - Bill French, Labradorite

The meeting adjourned at 3:00 PM for refreshments, fellowship and a slide program.

Members 25

Respectfully Submitted,
Kathleen Miller, Secretary

Midwest Federation NEWSLETTER

Member of The American Federation of Mineralogical Societies



Next issue of the MWF Bulletin will be in September. Please send all articles by August 15th. Thank-you, LM, Ed.



PRESIDENT'S MESSAGE

Dear Friends,

In this column, I want to bring you a report on the actions taken at the MWF Spring Meeting at Macomb, Illinois. It is important that every member know what is taking place in our federation. It is the duty of the president and editor, if you have one, of each club to see that Federation news is passed on to the membership. Since I see many club bulletins which contain not a word of AFMS or MWF news, I can only hope it is being passed on at meetings. If not, the individual member has every right to request a chance to read the club's copy of each newsletter - two are sent to each club.

At the Spring Meeting, the Executive Committee voted to recommend to the Council when it meets in Dearborn, the following actions: 1. That the now separate Environment and Legislation Committees be combined into one committee (A By-Laws change) and that new Operations Procedures be adopted, 2. That the dues for adult members of the Midwest Federation be changed from 50¢ per capita (of which 25¢ goes to the AFMS) to \$1.00 per capita. This is an increase of only 50¢, about the cost of one cup of coffee per year. All of the increase would be retained by the MWF. A lesser increase would not come close to balancing the Federation's budget. Again, this is a By-Laws change, recommended by the Executive Committee, which must be voted on by the delegates in Dearborn.

Another action taken was to form a committee composed of the President, 1st and 2nd Vice Presidents and the Uniform Rules Chairman, that has been charged, "to investigate and evaluate all expenses of the Uniform Rules Committee in conjunction with exhibiting competitively at the Midwest Federation Show, with a view to cutting those expenses to bare necessities, including a moratorium, for at least three years, on any monetary honorariums to judges and consideration of less expensive awards."

As you can see, many important decisions will have to be made by the delegates to the Dearborn Council Meeting. It is important that your club be represented. I look forward to seeing many of you at Dearborn.

This being the last Newsletter until September, I hope for you, each and everyone, an enjoyable and fruitful summer. See you all again in the Fall.

E. Ather

A limited number of self-contained camping spaces will be available at nearby Ford Field, Dearborn. There are no facilities here, it is a city park. A camping fee of \$5.00 for the duration of the Show and Convention will be charged. Make checks payable to: "Midwest Mineralogical & Lapidary Society of Dearborn" or "MM & LSD". Send reservations and check to: Thomas Gibbs, Co-chairman
622 Eight St.
Wyandotte, MI 48192
(313-282-3745)



THE AMERICAN FEDERATION NEWSLETTER

WHERE HAVE THE PEOPLE GONE?

by Ruth Hammett

AFMS Youth Committee Chairman

Have you ever needed a chairman but there was no one there to say YES? Have you wanted to start a YOUTH GROUP, but for some reason there was no sponsor to be found. Where have the people gone--the ones that always said "yes, I don't know exactly what to do, but I'LL GIVE IT MY BEST SHOT."

We are living in a different time..A time of single families, two working parents, just a busy world. Making time for people besides our immediate families is very difficult. BUT, all is not lost. In each of our clubs there are those who have retired, or at present have been laid-off. These members have a world of knowledge to share with a group of youth. All they need most of the time is just a little encouragement and a commitment from each member of the club to help when asked. If each member give a little, a big difference will soon be seen. I have to think back a few years when a young president of the USA said to this country "ASK NOT WHAT YOUR COUNTRY CAN DO FOR YOU, BUT WHAT YOU CAN DO FOR YOUR COUNTRY". Replace COUNTRY with CLUB and remember it the next time you are asked to help with a project, especially your youth.

As AFMS Youth Chairman, many letters come across my desk. Many tell the story of pleasure received from working with youth. But some tell of the sadness when sponsors must stop because of lack of interest from parents, and other club members. The Youth are the Future of America...Each of us can make a difference in their lives...especially when they come from a broken home.

PRESIDENTS, take a look around your CLUB...are there any youth in it? Are they organized? Do they have a sponson/sponsors? if not WHY.....Talk about it at the next board meeting...locate a sponsor....organize....then write for an application to the FUTURE ROCKHOUND OF AMERICA....It will be the most rewarding undertaking of your year.

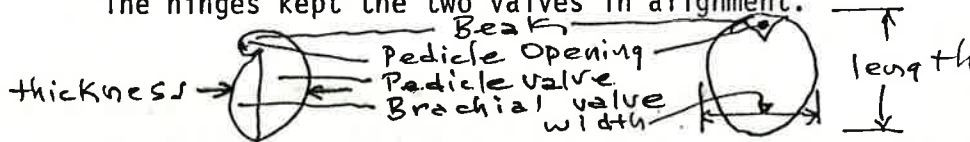
I look forward to hearing from you in the near future. If I can be of any assistance, let me know. I will try to help. There is a Youth Committee Member for each federation, they will be happy to assist you in any way that they can...just give them a change.

FUTURE ROCKHOUNDS OF AMERICA



BRACHIOPODS, Part 1 : by Paul Godollei, club member

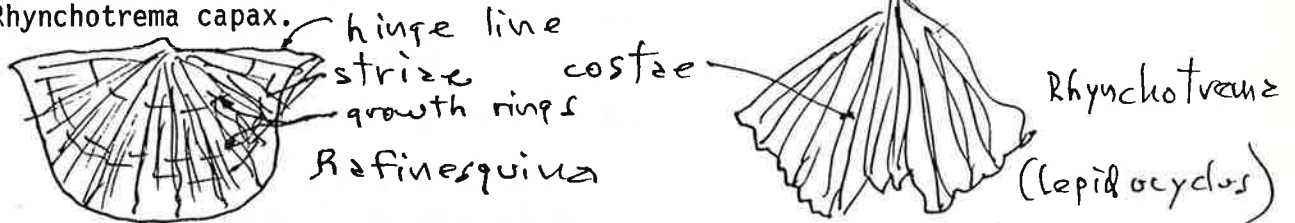
Brachiopods are marine invertebrate animals. They attached themselves to the sea floor or to other marine animals in their later development, with a single pedicle or "foot". They have 2 calcareous shells or valves. The pedicle or ventral valve contained the pedicle opening, through which the brachiopod extended or retracted its pedicle. The opposite valve is the dorsal or brachial valve. It houses the lophophore or brachia that are used for feeding. The muscles that control the opening and closing of the 2 valves leave muscle scars on the interior of the valve. The 2 valves are unequal in size. The hinges kept the two valves in alignment.



The valves vary in shape and size from species to species, but members of the same species have the same shape. Some valves are rounded, some squarish, oval, or with pointed extremities. They also differ in profile. In the side view, some are convex, bio-convex, dorsi-convex, plano-convex or concavo-convex.



Brachiopods vary in size from the tiny zigospira of 1/8 in size, to the large two to three inch megastrophia or rafinesquina. Some shells are smooth but most display ridges that fan outward from the beak to the anterior and lateral margins of the valves. The small, thin ridges are called striae, as in Rafinesquina alternata and the large, prominent ridges are called costae, as in Rhynchotrema capax.



A center troughlike depression of the pedicle valve extending from the beak to the outer margins is called the sulcus. A similarly located ridge on the brachial valve is called the fold. The sulcus and fold frequently interlock, as in the Ordovician brachiopod Platystrophia ponderosa (Foerste).

Some very well preserved brachiopods show delicate spines attached to the valve surfaces near the posterior margins. These are rarely preserved, but the marks of the spine attachments may still be visible in some fossil specimens. Specimens that have seperated and show the interior structure frequently show the hinge attachment grooves and muscle attachment scars. I have found a few with the coiled brachia preserved.